

Smart S8001 Emedded IPC



◆ Specifications

Model	Smart S8001
CPU	
Default Configuration	Onboard Intel® Celeron® J1900 2.0GHz, up to 2.42GHz, 2M Cache, 64 Bit, Quad-Core
Memory	
Default Configuration	4GB DDR3L SODIMM (1×SODIMM), Max. 8GB
Storage	
Default Configuration	1×500G (With 24×7 operation)
Option	DOM, HDD (2.5"), SSD
Extensions (optional)	
Option	8×RS-232/485 (terminal, 2.5KV2.5 KV isolation / 2KV surge protection); 4 or 6×10/100/1000M; 1×PCIe expansion slot
I/O Interface	
Serial Port (DB9)	Standard: 1 (COM1: DB9, RS-232/422/485, COM2: internal, retention)
USB	Standard: 4×USB 2.0 (rear); 1×USB 3.0 (internal), Internal USB Key Port
SATA	2×SATA 2.0
LAN	6×10/100/1000M
B Code	Option
GPIO	16-Bit
Audio	Build-in, Optional external

K&M Port	USB
Display	
Video Port	1×VGA, 1×HDMI
Video Memory	On board, DVMT
Monitoring	
Watchdog	0~255 Sec
Power	
Default Configuration	12VDC Input (3 Port terminal), with 100~240VAC power adapter
Mechanical Specifications	
Cooling	Fanless
Construction	Aluminum & Steel
Mounting	Desktop, Wallmount
Dimensions (W×H×D)	200mm×65mm×255mm (Standard) 200mm×95mm×255mm (Optional extensions)
Weight	3kg (w/o power adapter)
Environmental	
Operating Temperature	-10~55°C
Storage Temperature	-30~70°C
Relative Humidity	5~95% (non-condensing)
Certification	FCC, CE



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